

Meeting led by: Kevin Rivera
Title: Bridge to Doctorate Meeting
Date: April 16th, 2018

Research update:

Versatile Nano Capsule system

Applications of research

- Drug delivery
- Increased atom economy
- Sensors
 - Small nanoparticles in sensors that react with different wavelengths of light

Goal: Synthesize porous Nano-capsules for terminal C-H bond functionalization.

Results:

Successful capsule synthesis

Future:

Reaction optimization

Propose mechanism for Polymerization.

Ligand and catalyst optimization

Schools visits updates.

Be proactive at the school visits!

- put together some small exercises related to the class you are visiting.
 - <https://www.teachengineering.org/curriculum/browse?collection=Activities>

Fellowship information

Need to apply for a fellowship next year. Typical application period ranges from October – December.

Summer is the time to prepare

- Summer workshop
 - [Click Here to Apply](#) (due May 4th)

Fellowship list:

<https://grad.engr.uconn.edu/scholarships-fellowships/>